

Listing of Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-6. (Canceled)

7. (Currently amended) A software program for facilitating the use of a distributed directory running in a computer network, the program comprising being stored on a recordable medium and including instructions for:

receiving a first event from a[[n]] first application;

converting the first event into XML data representing the first event;

transforming the XML data representing the first event to a first predetermined format by the transformation processor, the first predetermined format being responsive to a[[the]] distributed directory, wherein a first portion and a second portion of the distributed directory are located in a first partition and a second partition, respectively;

transmitting the transformed XML data representing the first event to the distributed directory;

after receiving the first event from the first application, receiving a second event from the distributed directory into an XML generator;

converting the second event into XML data representing the second event;

transforming the XML data representing the second event to a second predetermined format by the transformation processor, the second predetermined format being responsive to a[[n]] second application running in the computer network;

transmitting the transformed XML data representing the second event to the second application;

after receiving the first event from the first application, receiving a third event from the distributed directory into an XML generator;

converting the third event into XML data representing the third event;

transforming the XML data representing the third event to a third predetermined format by the transformation processor, the third predetermined format being

responsive to a[[n]] third application running in the computer network; and
transmitting the transformed XML data representing the third event to the third application;

providing a first stylesheet to an XSLT processor, the stylesheet including formatting instructions for transforming XML data to the first predetermined format; and

providing a second stylesheet to the XSLT processor, the second stylesheet including formatting instructions for transforming XML data to the second predetermined format wherein the first stylesheet is different from the second stylesheet.

8. (Canceled).

9. (Currently amended) The software program of claim 7 further comprising instructions for:

receiving updates to the first stylesheet responsive to any changes in either the distributed directory or the first application.

10. (Currently Amended) The software program of claim 7 wherein the transformed XML data representing the second event is transmitted to the second application through an application shim to provide the transformed XML data representing the second event to the second application by using a native application program interface for the second application.

11. (Previously presented) The software program of claim 7 further comprising instructions for:

detecting the second event through notification from an event handler of the distributed directory.

12. (Canceled)

13. (Previously presented) The software program of claim 7 wherein the

program further comprises instructions for:

providing a third stylesheet to the XSLT processor, the third stylesheet including formatting instructions for transforming XML data to the third predetermined format.

14. (Canceled)

15. (Currently amended) A software program for facilitating the use of a distributed directory running in a computer network, the program comprising instructions for:

receiving an event from an application prior to receiving event data from a distributed directory, wherein a first partition and a second partition of the distributed directory are located at a first physical location and a second physical location, respectively;

converting the event into markup language data;

transforming the event to a predetermined format by a transformation processor, the predetermined format being responsive to the distributed directory;

providing a transformation profile to the transformation processor, the transformation profile including formatting instructions for transforming the markup language data to the predetermined format; and

transmitting the transformed event to the distributed directory.

16. (Canceled)

17. (Canceled)

18. (Currently amended) A distributed computer system comprising:
a first processor connected to a network for executing computer code;
a second processor connected to the network for executing computer code;
a first memory connected to the first processor;
a second memory connected to the second processor;
a distributed directory, ~~a portion of which being stored in the first memory~~

wherein first and second portions of the distributed directory are stored in the first memory and the second memory, respectively;

an application, a portion of which being stored in the second memory;

a first transformation profile for defining a first predetermined format for use by the distributed directory;

a second transformation profile for defining a second predetermined format for use by the application;

software for detecting a directory event in the distributed directory;

software for detecting an application event in the application prior to detecting the directory event;

software for transforming the application event to the second predetermined format by using a generic transformation tool and the first transformation profile; and

software for providing the transformed application event to the distributed directory;

software for transforming the directory event to the first predetermined format by using a generic transformation tool and the first transformation profile; and

software for providing the transformed directory event to the application[[:]], whereby the distributed directory becomes aware of the application event by having the application event provided to the distributed directory in a transformed state and whereby the application becomes aware of the directory event by having the directory event provided to the application in a transformed state.

19. (Previously presented) The system of claim 18 further comprising:

software for converting the directory event to a generic data description before transforming the directory event.

20. (Previously presented) The system of claim 18 further comprising:

an application shim for the application to receive the transformed directory event and provide the directory event to the application by using a native application program interface for the application.

21. (Canceled)

22. (Previously presented) The system of claim 18 wherein the generic transformation tool utilizes a markup language and the software for transforming the directory event and the software for transforming the application event utilizes a transformation processor.

23. (Previously presented) A distributed computer system comprising:
a distributed directory, wherein the distributed directory has a first partition at a first physical location and a second partition at a second physical location, respectively;
a first transformation profile for defining a first predetermined format for use by the distributed directory;
software for synchronizing the first and second partitions;
software for detecting an application event in an application and for initiating communications to the distributed directory when the application event is detected;
software for transforming the application event to the first predetermined format using the first transformation profile;
software for providing the transformed event to the distributed directory;
a second transformation profile for defining a second predetermined format for use by the application,
whereby the distributed directory becomes aware of the application event by having the application event communicated to the distributed directory.

24. (Previously presented) The system of claim 23 further comprising:
software for detecting a directory event in the distributed directory in response to receiving the application event;
software for transforming the directory event to the second predetermined format using the second transformation profile; and
software for providing the transformed directory event to the application.

25. (Previously presented) The system of claim 23 further comprising:

an application shim in communication with the application and the distributed directory.

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